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Dual nationality (French/English)

Web and development specialist

Professional experience (Details of technical and professional referees available on request)

Since June 2008	<p>TRUSTIVE (Sophia-Antipolis 06): International WiFi access provider Web and development specialist As the web and development specialist, I was responsible for the successful delivery of both a desktop and mobile version of an ergonomic and efficient hotspot locator (http://trustive.com/search).</p> <p>In charge of the rewrite from the ground up of Trustive's commercial site (http://trustive.com), with a strong emphasis on SEO and i18n.</p> <p>Completely redesigned and implemented the new fault tolerant, load-balanced cluster architecture based on LVS, Freeradius and MySQL-NDB.</p> <p>Various other developments and tools, including Android's WiFi+3G connection managers, Radius (AAA) scripts, hotspot locator, fully branded pages for resellers, partners and subscribers billing.</p>	<ul style="list-style-type: none"> • technical expert • versatility
2007-2008	<p>CENTILE (Sophia-Antipolis 06): editor of a VOIP software Projects and accounts manager Main contact for Centile's biggest accounts, I made sure their projects were delivered on time, fully implemented and tested.</p>	<ul style="list-style-type: none"> • project management • customer facilitator
2006-2007	<p>Co-manager of the Product Support team Facilitated the work of the level 1 and 2 support staff, development team and product managers by investigating complex issues in the software and deciding whether a fix, feature request or better documentation was the most appropriate solution.</p>	<ul style="list-style-type: none"> • people skills • business intelligence
2005-2006	<p>Level 1 and 2 Support Engineer As the main customer trainer, I used my teaching and pedagogic skills to train 3 to 6 trainees per session, 10 sessions a year, to operate the system and create tickets with all the required information and logs.</p> <p>As part of the Support Team, it was my responsibility to train new recruits in process, investigation and problem solving.</p> <p>I also deployed and populated Centile's knowledge base, with around 50 topics, FAQs and How-to available for all our customers.</p>	<ul style="list-style-type: none"> • customer training • technical writing
2002-2005	<p>Mathematics and computer science centre (CMI, Marseille 13) PhD student for a CIFRE thesis : '<i>Timed automata modelling, simulation and validation</i>', and member of the European AMETIST work group.</p> <p>CYBERNETIX (Marseille 13) : Research engineer Appointed as the Visual C++ developer to work on piloting software for a military project. This involved complex hardware and security integration but was delivered successfully, on time, and to the client's demanding quality standards.</p>	<ul style="list-style-type: none"> • research work • high autonomy • project management • responsibilities
2002	<p>DEA paper at the CMI (Marseille 13), '<i>Linear discrimination in semi-supervised context</i>'. Writing and proof of a theorem.</p>	<ul style="list-style-type: none"> • research work • writing of a theorem

Education

2002-2005	PhD student in computer science (CIFRE with CYBERNETIX) at the CMI, Marseille (13)
2001-2002	Master's degree in computer science with honours at Luminy university, Marseille (13)
1999-2000	BSc Computer Studies with honours UCLAN, England (ERASMUS)
1998-2001	IUP GMI (Mathematics and Computer Science) with honours, Avignon (84)

Professional skills

Programming languages	Expert: Python, PHP, HTML, CSS Competent: Javascript, Android Occasional user: Flex, Java, C, C++, lisp
Databases	MySQL and NDB, PostgreSQL, SQLite, SQL Server
Web frameworks	Expert: Django (Python), Trustive's home-brew framework (PHP) Occasional user: Zend (PHP), Pylons (Python), Cake (PHP), Prado (PHP)
Web standards	OpenWeb group, promoting web standards and accessibility http://openweb.eu.org . Daily development on HTML5 and CSS3

Web projects

2011 CV Book (Django Python framework): Used by the Ecole des Mines Paristech students to write their resumes, have them proof-read by professional human resource managers, and made available to alumni.

2010 Marseille-Provence 2013 (Django Python framework): back-office used by the Marseille-Provence 2013 association to enter, validate, sort, rank, manage projects and funding for the 2013 European capital of culture.

2010 Subscribers, partners and resellers billing (Django Python framework): billing tool used daily at Trustive to bill and invoice, taking into account several parameters like reseller commissions, fees, commitments, currencies.

2009 Customer Relations Management (Django Python framework): I used my strong time management skills to ensure that the CRM project was delivered successfully and within a very tight timescale. The project was fully implemented in less than three weeks, despite little prior knowledge of the framework used, as a result of good planning, detailed specifications gathering and excellent learning skills.

2008-2009 Trustive website (Django Python framework, PHP) and "hotspot locator" (javascript): Commercial site complete redesign: <http://www.trustive.com>. Based on the Google Maps API, the hotspot locator is the most advanced, ergonomic and fastest hotspot locator available worldwide: <http://www.trustive.com/search>

2007 Trace Getter (JSP): Automatic trace collection, based on Centile's VoIP Softswitch (IntraSwitch).

2005-2006 Tailored Dokuwiki (PHP): Developed a Dokuwiki install to meet the developers', QA, support and product team requirements.

2002-2004 MicroChip's PIC online programming lessons (PHP): CMS build from scratch.

Miscellaneous

- Entrepreneur: consultant and web developer
- Conference organizer: <http://rencontres.django-fr.org>, <http://sudweb.fr>
- Delivered a speech on Python at the French Python Conference 2009 <http://pycon.fr>
- Open source contributor: <http://bitbucket.org/magopian>, <http://github.org/magopian>
- Teacher: Artificial Intelligence lessons for high school students in Marseille, during my PhD
- Summer camp counsellor and director for 4 years
- Invited to judge international Robotics competition in 2004 and 2005
- Robotic club founder in Marseille, competed in the french national robotic contest in 2005